

NOTICE OF DRAIN LETTING AND REVIEW.

Notice is hereby given, That I, E. W. Redman, County Drain Commissioner of the County of Gratiot, State of Michigan, will, on the 10th day of August, A. D. 1914, at the residence of Alonzo Housden, on the NW 1-4 of Section 6, Township of Arcada, Gratiot County, Michigan, at nine o'clock in the forenoon of that day, proceed to receive bids for the construction of a certain Drain known and designated as the No. 96 Outlet Drain, located in the Townships of Sumner and Arcada, in said County of Gratiot, and described as follows, to-wit:

Commencing in channel of a bayou connecting with Pine river at a point 2.57 chs east and 1.14 chs north of the center of Section 5, Arcada township, Gratiot county, Michigan.

Thence N 61 deg. 30 min. W, 2.91 chs and cross N and S 1-4 line Sec. 5, at 2.50 chs north of center of section.

Thence on same course 15.09 chs; thence N 44 deg. 30 min. W, 9.70 chs and cross west 1-8 line Sec. 5 at 16.63 chs north of E and W 1-4 line.

Thence on same course 7.63 chs; thence N 89 deg. 30 min., 9.47 chs; thence S 50 deg. W, 5.88 chs; thence west 10 lks and cross line between Sections 5 and 6 at 2.45 chs south of N 1-8 post.

Thence on same course 11 lks; thence S 76 deg. W, 13.51 chs; thence S 64 deg. 30 min. W, 7.79 chs, and cross E 1-8 line Sec. 6 at 9.55 chs S of N 1-8 line.

Thence S 83 deg. W, 8.67 chs; thence S 66 deg. 40 min. W, 3.14 chs; thence N 83 deg. W, 11.5 chs; thence N 30 deg. W, 15.39 chs; thence N 82 deg. 15 min. W, 3.30 chs; thence S 70 deg. 30 min. W, 2.88 chs; thence S 39 deg. 30 min. W, 3.99 chs, and cross N 1-8 line Sec. 6 at 9.64 chs west of the N and S 1-4 line.

Thence on same course 15.40 chs; thence S 75 deg. 20 min. W, 10.86 chs; thence N 80 deg. 30 min. W, 12.81 chs, and cross township line between Sec. 6 of Arcada and Section 1 of Sumner at 4.32 chs N of W 1-4 post, Sec. 6, Arcada.

Thence N 89 deg. 25 min. W, 14.22 chs; thence S 47 deg. W, 7.38 chs, and cross E and W 1-4 line Section 1, at 56 lks East of E 1-8 line.

Thence on same course 62 lks; thence S 47 deg. 30 min. W, 10 lks and cross E 1-8 line, Section 1, at 50 lks S of E and W 1-4 line.

Thence on same course 7.96 chs; thence N 89 deg. 30 min. W, 14.35 chs and cross N and S 1-4 line Sec. 1, at 6.03 chs south of E and W 1-4 line.

Thence on same course 48 lks; thence north parallel to and 48 lks west of the N and S 1-4 line, Sec. 5, 8.23 chs; thence East 48 lks and cross N and S 1-4 line, Sec. 1, at 2.20 chs north of E and W 1-4 line; thence on same course 49 lks; thence N 52 deg. 15 min. E, 2.31 chs; thence N 28 deg. E, 3.60 chs; thence N 32 deg. E, 7.13 chs; thence N 36 deg. 45 min. E, 6.87 chs; thence N 42 deg. 35 min. E, 6.07 chs; thence N 2 deg. W, 10.36 chs; thence S 88 deg. 30 min. W, 15.65 chs and cross N and S 1-4 line, Sec. 1, at 7.51 chs south of N 1-4 post.

Thence N 88 deg. W, 8.73 chs; thence N 78 deg. 30 min. W, 2.19 chs; thence north 6.88 chs and end at 13.31 chs west and 12 lks south of S 1-4 post, Sec. 36, Seville.

Total length of drain is 273.88 chains.

The length of drain on each description of land is as follows:

Description.	Sec.	Chains.
S 1-2 of NE 1-4 fr'l.	5	2.91
E 1-2 of NW 1-4 fr'l.	5	24.79
N 7-8 of W 1-2 of NW 1-4 fr'l.	5	23.08
SE 1-4 of NE 1-4 fr'l.	6	21.41
W 1-2 of NE 1-4 fr'l. and E 1-2 of NE 1-4 of NW 1-4 fr'l.	6	38.52
S 1-2 of NW 1-4 fr'l.	6	39.07
Sumner Township.		
SE 1-4 of NE 1-4 fr'l.	1	21.60
E 1-2 of SE 1-4	1	0.72
NW 1-4 of SE 1-4	1	22.31
NE 1-4 of SW 1-4 and W 1-2 of NE 1-4 fr'l.	1	61.67
NE 1-4 of NW 1-4 fr'l.	1	17.80

Survey made June 8-10, 1914, by C. H. Redman, under direction of County Drain Commissioner E. W. Redman.

Specifications.
(1) Station stakes and grade hubs are set every 8 rods except between stakes 136 and 137, which contain 7.72 rods. They are numbered consecutively from 0 at outlet to the upper end. Stakes 0 to 97 are placed 20 feet to the right of the center line; 98 to 101, are 25 feet right and from 102 to upper end are 20 feet to the right of center line. Stake 0 is on bank about 10 feet southeasterly on hub line; 11 is at 10 plus 165; 41 it at 41 plus 009; 44 is at 44 plus 010; 45 at 45 plus 020; 50 at 50 plus 014, and 56 is at 55 plus 185.

(2) The bottom width of drain from outlet to Station 18 shall be 20 feet; from Station 18 to 97 plus 100, it shall be 18 feet, and 16 feet from 97 plus 100 to upper end.

(3) The slope of bank if done by team work shall be 1 1-2 feet horizontal to 1 foot vertical. If done by dredge, the slope shall be 1 to 1 and the depth shall be 6 inches below the grade line as shown on profile.

(4) Four rods on each side of center line of drain will be required for right of way to be used in construction and for deposition of earth.

(5) All excavation if done by dredge shall be removed at least 8 feet from top edge of banks, and if by teams, at least 6 feet from top edge of banks and spread. Where drain runs parallel to the road as much of the dirt shall be placed on the road bed as shall be determined by the highway commissioner of the township, and if work is done by teams, spread to his satisfaction.

(6) All timber within limits of drain and berm shall be cut and all brush within limits of right of way shall be cut and piled beyond the limits of excavation and within the right of way. No timber shall be covered with excavation.

(7) All open drains, highway ditches, etc., which enter the drain shall be left clear and unobstructed.

(8) All angles not affected by highways shall be turned on easy curves.

(9) All bridges where tops are to be removed to allow the passage of dredge shall be left in good condition and to the satisfaction of the drain commissioner or highway commissioner of the township affected.

(10) The depth of drain and width on top are measured from level of grade hubs and given in feet and tenths as shown by the profile which is made a part of these specifications and may be seen at the drain commissioner's office. (Top widths given are for team work).

Said work will be let by sections. The section at the outlet of said Drain will be let first and the remaining sections in their order up stream, in accordance with the diagram now on file with the other papers pertaining to said Drain in the office of the County Drain Commissioner of the County of Gratiot, to which reference may be had by all parties interested, and bids will be made and received accordingly. I reserve the right, however, to sell all of said drain as one job, to be constructed either with dredge or with teams, as may be determined upon by me, on day of sale. Contracts will be made with the lowest responsible bidder giving adequate security for the performance of the work, in a sum to be fixed then and there by me, reserving to myself the right to reject any and all bids. The date for the completion of such contract and the terms of payment therefor shall be announced at the time and place of letting.

Notice is Further Hereby Given, That at the time and place of said letting or at such other time and place thereafter to which I, the County Drain Commissioner aforesaid, may adjourn the same, the assessments for benefits and the lands comprised within the 96 Outlet drain special assessment district, and the apportionment thereof will be announced by me and will be subject to review for one day, from nine o'clock in the forenoon until five o'clock in the afternoon. The following is a description of the several tracts or parcels of land constituting the special assessment district of said Drain, to-wit:

Descriptions.	Sec.	Names.
N 50 a of S 60 a of E 1-2 of NW 1-4 Fr.	5	Mrs. Dora Wiley
S 50 a of N 70 a of W 1-2 of NW 1-4 Fr.	5	E. Adams & Son
W 1-2 of S 10 a of W 1-2 of NW 1-4 Fr.	5	Hector S. Smith
S 1-2 of NE 1-4 of NE 1-4 and W 1-2 of NE 1-4 Fr.	6	H. B. Currence
W 1-2 of NE 1-4 of NW 1-4 Fr.	6	J. C. Anderson
S 1-2 of NW 1-4 of NW 1-4 Fr. and S 1-2 of N 1-2 of W 1-2 of NW 1-4 Fr.	6	Jerome Kinney
S 1-2 of NW 1-4 Fr.	6	Alonzo Housden and W. B. Amesbury
12 a in NW Cor. of W 1-2 of SW 1-4 Fr.	6	Frank Church
N 3-4 of W 1-2 of SW 1-4 Fr.	6	Ida Medler
N 1-2 of SE 1-4 of SW 1-4 and W 3-4 of NE 1-4 of SW 1-4 Fr.	6	Joel Allis
NW 1-4 of SE 1-4 and NW 1-4 of NE 1-4 of SE 1-4 and E 10 a of NE 1-4 of SW 1-4 Fr., and SE 1-4 of NE 1-4 Fr.	6	Louis T. Muhn

TO TOWNSHIP OF ARCADIA.

Descriptions.	Sec.	Names.
S 30 a of W 1-2 of SW 1-4	18	Anson Wilbur
S 1-2 of W 1-2 of W 1-2 of E 1-2 of SW 1-4	18	Wm. Adams
W 1-2 of NE 1-4 of NW 1-4	19	Geo. Lantz
NW 1-4 of NW 1-4	19	Everett Rogers
SW 1-4 of NW 1-4	19	Jas. Jones
Com. at a point 31 chs 14 lks N of the SW Cor. of Sec. 19, thence E 23 chs 36 lks, N 8 chs 86 lks, W 23 chs 36 lks, S 8 chs 86 lks, to beginning	19	John Morton
Com. at a point 22 chs 28 lks N of SW cor. of Sec. 19, thence E 23 chs, N 8 chs, W 23 chs, S 8 chs, to beginning	19	Jas. Jones
Com. at SW cor. of Sec. 19, thence E 23 chs, N 22 chs, W 9 chs, S 22 chs, to beginning	19	Jas. Jones
Com. at 9.23 chs E of SW cor. Sec. 19, thence N 22 chs, E 14 chs, S 22 chs, E 5 chs, S 20 chs, W 19 chs, to beginning	19	Dudley Hoyt

PINE RIVER TOWNSHIP.

Descriptions.	Sec.	Names.
S 30 a of W 1-2 of SW 1-4	18	Anson Wilbur
S 1-2 of W 1-2 of W 1-2 of E 1-2 of SW 1-4	18	Wm. Adams
W 1-2 of NE 1-4 of NW 1-4	19	Geo. Lantz
NW 1-4 of NW 1-4	19	Everett Rogers
SW 1-4 of NW 1-4	19	Jas. Jones
Com. at a point 31 chs 14 lks N of the SW Cor. of Sec. 19, thence E 23 chs 36 lks, N 8 chs 86 lks, W 23 chs 36 lks, S 8 chs 86 lks, to beginning	19	John Morton
Com. at a point 22 chs 28 lks N of SW cor. of Sec. 19, thence E 23 chs, N 8 chs, W 23 chs, S 8 chs, to beginning	19	Jas. Jones
Com. at SW cor. of Sec. 19, thence E 23 chs, N 22 chs, W 9 chs, S 22 chs, to beginning	19	Jas. Jones
Com. at 9.23 chs E of SW cor. Sec. 19, thence N 22 chs, E 14 chs, S 22 chs, E 5 chs, S 20 chs, W 19 chs, to beginning	19	Dudley Hoyt

Descriptions.	Sec.	Names.
E 35 a of N 1-2 of SW 1-4 and a piece of land in SE cor. of SW 1-4 Sec. 19, 11.64 chs E and W by 20 chs N and S	19	E. Fleming Est.
N 3-4 of W 1-2 of W 40 a of E 90 a of NW 1-4 also N 1-2 of E 1-2 of W 40 a of E 90 a of NW 1-4	30	Mrs. R. F. Fleming
2 1-2 a in sq. form in NW cor. of E 50 a of E 1-2 of NW 1-4	30	Henry Cohoon
W 70 a of NW 1-4 of Ex 10 a in sq. form in SE cor.	30	Chas. Ellis
W 1-2 of NW 1-4 of SW 1-4	30	C. A. Flewelling
W 1-2 of SW 1-4 of SW 1-4	30	Lora Morton
60 rods N and S by 13 1-2 rods E and W in NW cor. of N 1-2 of NW 1-4	31	J. W. Morton

TOWNSHIP OF SUMNER.

Descriptions.	Sec.	Names.
NE 1-4 of NE 1-4	1	B. T. Wells
SE 1-4 of NE 1-4 and NW 1-4 of SE 1-4 Fr.	1	Mrs. E. L. Bamforth
W 1-2 of NE 1-4 and SE 1-4 of NW 1-4 Fr.	1	Levi Pritchard
NE 1-4 of NW 1-4	1	O. C. Turrell
W 1-2 of NW 1-4 Fr. and NW 1-4 of SW 1-4	1	H. F. Naffziger
SW 1-4 of SW 1-4 Ex. 10 a in sq. form in SE corner	1	T. Strack
SE 1-4 of SW 1-4	1	Arthur Murphy
10 a in sq. form in SE cor. of SW 1-4 of SW 1-4	1	Mrs. H. Pritchard
SW 1-4 of SE 1-4	1	Albert Beason
E 1-2 of SE 1-4	1	H. M. Woodward
E 1-2 of NE 1-4 of NE 1-4	2	W. E. Izenhath
NE 1-4 of NE 1-4	2	Viola Nances
NW 1-4 of NE 1-4	2	C. Nelson
S 1-2 of NE 1-4 and N 1-2 of SE 1-4 Ex. Cem.	2	H. F. Naffziger
S 1-2 of SE 1-4	2	E. C. Marcy
E 1-4 of N 1-2 of NW 1-4 Fr.	2	N. Anderson
E 30 a of W 60 a of N 1-2 of NW 1-4 Fr.	2	Chas. Medler
W 30 a of N 1-2 of NW 1-4 Fr.	2	W. B. Kyes
S 1-2 of NW 1-4 Fr. and N 1-2 of N 1-2 of SW 1-4	2	Nat H. Cohen
W 1-2 of S 1-2 of N 1-2 of SW 1-4 and N 1-2 of S 1-2 of SW 1-4	2	Wm. J. Gee
S 1-2 of S 1-2 of SW 1-4	2	Wm. L. Hutchinson
NE 1-4 of NE 1-4	2	Jessie L. Faugh
NW 1-4 of NE 1-4	2	H. Royer
S 1-2 of NE 1-4 and SE 1-4 of NW 1-4	3	Carl R. Ring
NE 1-4 of NW 1-4 Fr.	3	B. Freed
W 1-2 of NW 1-4	3	C. E. Sandler
N 1-2 of SE 1-4	3	C. E. Slingluff
S 1-2 of SE 1-4	3	C. A. Ball
SE 1-4 of SW 1-4	3	E. T. Walker
W 1-2 of SW 1-4 and NE 1-4 of SW 1-4	3	H. T. Woodward Est.
W 1-2 of NE 1-4 and SW 1-4 of NE 1-4 Fr.	4	Chas. La Paugh
NW 1-4 of NE 1-4 Fr.	4	Sarah Carl
E 1-2 of NW 1-4 Fr.	4	A. Bogart
E 1-2 of S 1-2 of NW 1-4 of NW 1-4 Fr.	4	C. O. Murphy
E 1-2 of SW 1-4 of NW 1-4 Fr.	4	Vesta Watkins
15 a in sq. form in NE cor. of W 1-2 of SW 1-4	4	Mary E. Conrad
2 a in SE cor. of W 1-2 of SW 1-4, 40 rods N and S by 8 rods E and W	4	Joseph Watkins
W 3-8 of E 1-2 of SW 1-4	4	H. H. Lewis
E 5-8 of E 1-2 of SW 1-4	4	Wm. Wixon
W 1-2 of SE 1-4	4	Sarah Schaeffer
W 3-8 of E 1-2 of NW 1-4	4	Henry Schaeffer
E 5-8 of E 1-2 of NW 1-4	9	John B. Hall
NW 1-4 of NE 1-4 and E 1-2 of SW 1-4 of NE 1-4	9	H. H. Lewis
W 1-2 of SW 1-4 of NE 1-4	9	B. L. Walker
NE 1-4 of NE 1-4 and N 10 a of SE 1-4 of NE 1-4	9	Wm. Wixon
S 30 a of SE 1-4 of NE 1-4 and NE 1-4 of SE 1-4	9	Wm. R. Long
W 1-2 of SE 1-4 and SE 1-4 of SE 1-4	9	Elias VanLeuven
N 1-2 of NW 1-4 and NW 1-4 of SE 1-4	10	Fred Fea
S 1-2 of NW 1-4 of NW 1-4	10	Nelson Long
S 1-2 of NW 1-4	10	B. L. Walker
NE 1-4 of NW 1-4 and N 100 a of NE 1-4	10	Harry Schaeffer
S 60 a of NE 1-4	10	Wm. L. Hutchinson
SW 1-4	10	B. H. Worthing
W 1-2 of SE 1-4	10	F. W. Gee
N 5-8 of E 1-2 of SE 1-4	10	Mrs. M. McNamara
S 3-8 of E 1-2 of SE 1-4	10	Wm. Anderson
N 1-2 of NW 1-4	11	Geo. E. Sharrar
S 3-8 of S 1-2 of NW 1-4	11	A. J. Havens
S 5-8 of S 1-2 of NW 1-4 and NW 1-4 of SW 1-4	11	Wm. L. Hutchinson
N 1-2 of SW 1-4 of SW 1-4	11	Gustav Quick
N 3-4 of E 1-2 of SW 1-4	11	Geo. E. Sharrar
W 1-2 of NW 1-4 of SE 1-4	11	C. McNamara
N 3-4 of E 1-2 of NE 1-4 and S 1-4 of W 1-2 of NE 1-4	11	H. M. Page
N 3-4 of W 1-2 of NE 1-4	11	E. A. Potter
NW 1-4 of NW 1-4 Ex. 10 a in sq. form in SE corner	11	P. C. Dersham
NE 1-4 of NW 1-4 Ex. W 5 a of S 1-2 of and W 1-3 of NE 1-4	12	T. Strach
W 1-2 of E 2-3 of NE 1-4	12	Leon Rice
E 1-3 of NE 1-4 Ex. 5 a in sq. form in NE corner	12	A. J. Beason
N 1-2 of SE 1-4	12	H. M. Woodward
N 1-2 of N 1-2 of NE 1-4	12	Eph Metcalf
N 1-2 of NW 1-4	12	Geo. Sharrar
E 80 a of N 3-4 of NE 1-4	15	H. McNamara
S 1-4 of NE 1-4	16	Ed. Rockafellow
E 15 a of W 40 a of N 3-4 of NE 1-4	16	James B. Gargett
	16	Theron Kress

TOWNSHIP OF SEVILLE.

W 1-2 of E 1-2 of N 1-2 of SW 1-4 and N 1-2 of SW 1-4
S 1-2 of SW 1-4
S 1-2 of S 1-2 of SW 1-4
NE 1-4 of NE 1-4
NW 1-4 of NE 1-4
S 1-2 of NE 1-4 and SE 1-4 of NW 1-4
NE 1-4 of NW 1-4 Fr
W 1-2 of NW 1-4
N 1-2 of SE 1-4
S 1-2 of SE 1-4
SE 1-4 of SW 1-4
W 1-2 of E 1-4 and NE 1-4 of SW 1-4
E 1-2 of NE 1-4 and SW 1-4 of NE 1-4 Fr.
NW 1-4 of NE 1-4 Fr.
E 1-2 of NW 1-4 Fr.
E 1-2 of S 1-2 of NW 1-4 of NW 1-4 Fr.
E 1-2 of SW 1-4 of NW 1-4 Fr.
15 a in sq. form in NE cor. of W 1-2 of SW 1-4
2 a in SE cor. of W 1-2 of SW 1-4, 40 rods
N and S by 8 rods E and W
W 3-8 of E 1-2 of SW 1-4
E 5-8 of E 1-2 of SW 1-4
W 1-2 of SE 1-4
E 1-2 of SE 1-4
W 3-8 of E 1-2 of NW 1-4
E 5-8 of E 1-2 of NW 1-4
NW 1-4 of NE 1-4 and E 1-2 of SW 1-4 of NE 1-4
NE 1-4
W 1-2 of SW 1-4 of NE 1-4
NE 1-4 of NE 1-4 and N 10 a of SE 1-4 of NE 1-4
NE 1-4
S 30 a of SE 1-4 of NE 1-4 and NE 1-4 of SE 1-4
W 1-2 of SE 1-4 and SE 1-4 of SE 1-4
N 1-2 of NW 1-4 of NW 1-4
S 1-2 of NW 1-4 of NW 1-4
W 1-2 of NW 1-4
NE 1-4 of NW 1-4 and N 100 a of NE 1-4
S 60 a of NE 1-4
SW 1-4
W 1-2 of SE 1-4
N 5-8 of E 1-2 of SE 1-4
S 3-8 of E 1-2 of SE 1-4
N 1-2 of NW 1-4
N 3-8 of S 1-2 of NW 1-4
S 5-8 of S 1-2 of NW 1-4 and NW 1-4 of SW 1-4
N 1-2 of SW 1-4 of SW 1-4
N 3-4 of E 1-2 of SW 1-4
W 1-2 of NE 1-4 of SE 1-4
N 3-4 of E 1-2 of NE 1-4 and S 1-4 of W 1-2 of NE 1-4
N 3-4 of W 1-2 of NE 1-4
NW 1-4 of NW 1-4 Ex. 10 a in sq. form in SE corner
NE 1-4 of NW 1-4 Ex. W 5 a of S 1-2 of and W 1-3 of NE 1-4
W 1-2 of E 2-3 of NE 1-4
E 1-3 of NE 1-4 Ex. 5 a in sq. form in NE corner
N 1-2 of SE 1-4
N 1-2 of N 1-2 of NE 1-4
N 1-2 of NW 1-4
E 80 a of N 3-4 of NE 1-4
S 1-4 of NE 1-4
E 15 a of W 40 a of N 3-4 of NE 1-4